

Name: _____

ET_1021 version 6

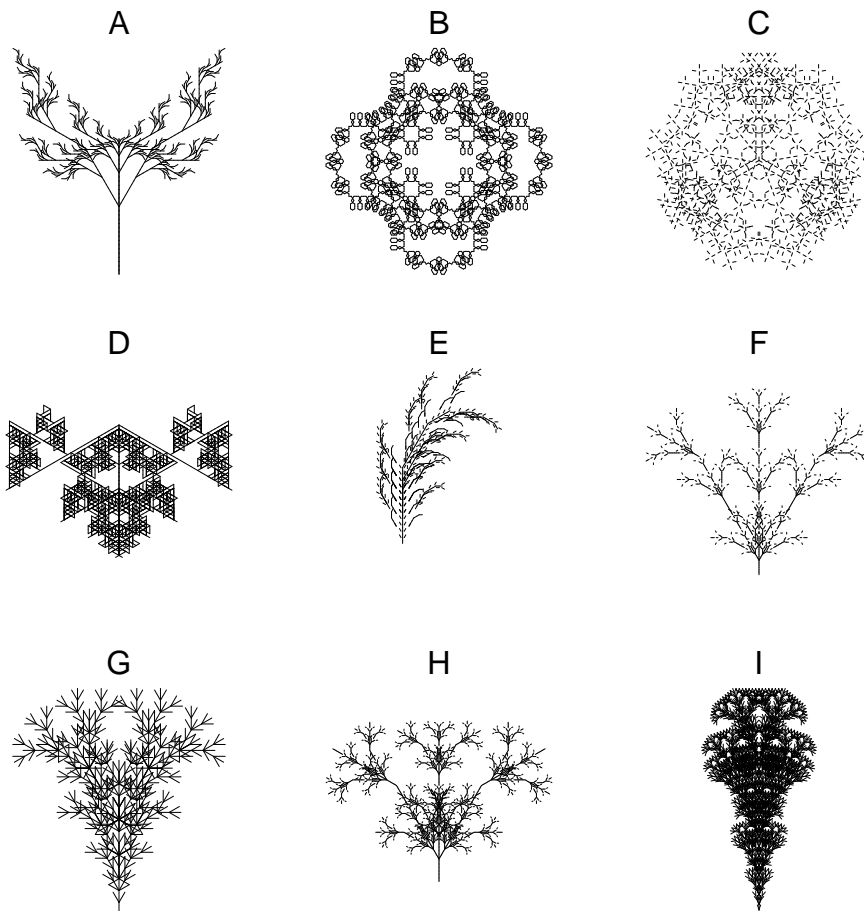
Consider the L -system (and angle) defined below:

- Start: $[A]+++[A]+++[A]$
- Rules:
 $A > A[---XB] [-XB] [+XB] [+++XB]$
 $B > XB[++XA] [--XA] XA$
 $X > XX$

- Number of recursions (number of iterations): 4
- Angle: 40°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

C

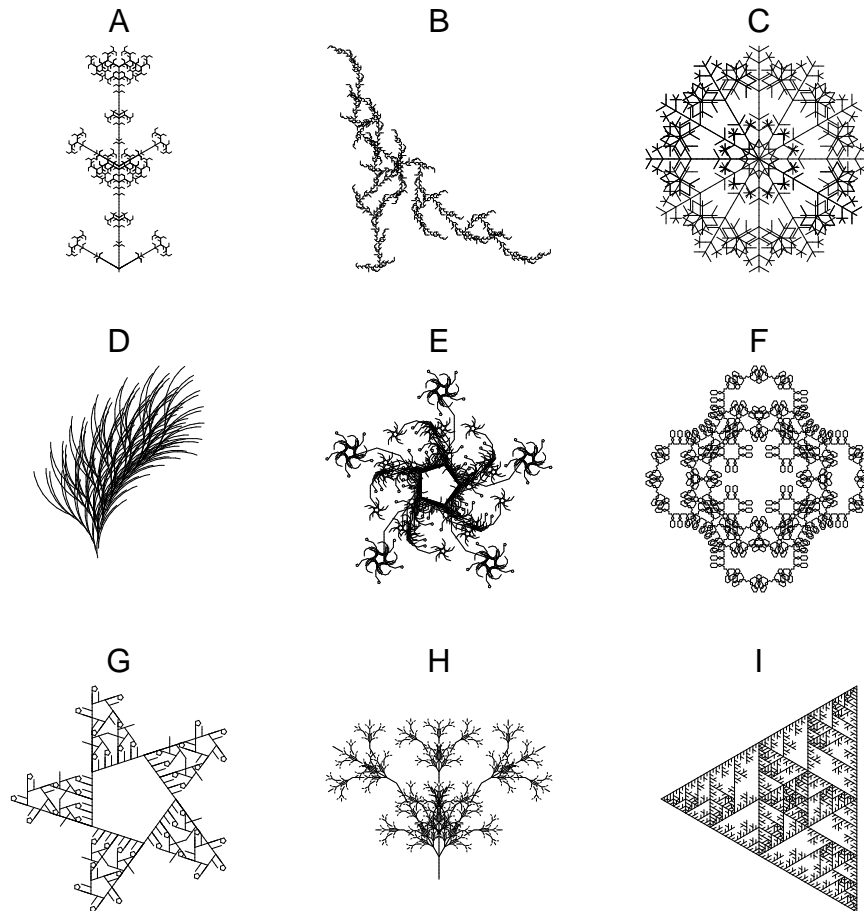
Consider the L -system (and angle) defined below:

- Start: A
- Rules:
 $A > X[-B+BB+BB+BB+BB+BB+B]$
 $X > XX$
 $B > X[+A-AA-AA-AA-AA-AA-A]$

- Number of recursions (number of iterations): 3
- Angle: 10°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

D